

Notice of Allowability

Application No.

09/652,499

Examiner

Belix M. Ortiz

Applicant(s)

OTSUKA, MOTOI

Art Unit

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.
2. ☒ The allowed claim(s) is/are 22-25.
3. ☒ The drawings filed on 31 August 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


CHARLES RONES
PRIMARY EXAMINER

DETAILED ACTION

Remarks

1. In response to communications files on October 5, 2004, the specification of the disclosure, claims 1-21 are cancelled; applicant added claim 25. Therefore, claims 22-25 are presently pending in the application.

Allowable Subject Matter

Claims 22-25 are allowed.

2. The following is a statement of reasons for the indication of allowable subject matter: the prior arts of records, neither anticipates nor renders obvious the following limitations as claimed:

As to claim 22, the prior art of records fail to anticipate or suggest a system comprising:

a portable data storage medium; and

a portable terminal to which the data storage medium is connectable;

wherein the portable data storage medium has stored thereon a plurality of software applications operable on the portable terminal, a data file created by each of the software applications, a hardware identification code for identifying the data storage medium, a plurality of software identification codes for the plurality of software applications, respectively, and a plurality of user passwords

for specifying a plurality of users, respectively, that are able to use the data storage medium,

wherein the portable terminal comprises a non-rewritable storage area in which a hardware identification code for specifying the portable terminal and a plurality of software identification codes each for identifying available software applications are stored, and a rewritable storage area; and

wherein the portable terminal further comprises:

means, responsive to a power supply being turned on when the portable data storage medium has been connected to the portable terminal, for reading the hardware identification code stored on the data storage medium and then determining whether or not the read hardware identification code matches the hardware identification code stored in the non-rewritable storage area of the portable terminal;

means, responsive to determining that the read identification code matches, for determining whether or not a password inputted by a user who operates the portable terminal matches any one of the plurality of passwords for specifying the plurality of users, respectively, stored in the data storage medium,

means, responsive to determining that the inputted password matches, for allowing the user to select any desired one of the plurality of software applications stored on the data storage medium;

means, responsive to the user selecting the desired application software, for reading from the data storage medium a software identification code

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corresponding to the selected software application, and for determining whether or not the software identification code matching the read software identification code is stored in the non-rewritable storage area of the portable terminal; and

means, responsive to determining that the matching software identification code is stored, for starting up the selected software application stored on the data storage medium, and for storing on the data storage medium a data file created by operation of that application software as a data file corresponding to that application software, together with the other limitations of the independent claims.

As to claim 24, the prior art of records fail to anticipate or suggest a system comprising:

a portable storage medium;

a portable terminal in which the portable storage medium is connectable;

and

a server that writes various codes and software to the data storage medium and the portable terminal;

wherein the server comprises:

means for storing hardware identification code unchangeably on the portable terminal and the portable data storage medium in order to set the portable terminal and the portable data storage medium in corresponding relationship;

means for storing on the portable terminal unchangeably a software identification code corresponding to a software application to be operated on the portable terminal; and

means for storing on the portable data storage medium a plurality of software applications operating on the portable terminal, a plurality of data files created by the plurality of software applications, respectively, a plurality of software identification codes for the plurality of software applications, respectively, and a plurality of user passwords for specifying a plurality of users, respectively, who are able to use the data storage medium, together with the other limitations of the independent claims.

As to claim 25, the prior art of records fail to anticipate or suggest a method comprising:

storing on a portable data storage medium: (i) a plurality of software applications operable on a portable terminal to which the data storage medium is connectable, (ii) a data file created by each of the software applications (iii) a hardware identification code for identifying the data storage medium, (iv) a plurality of software identification codes for the plurality of software applications, respectively, and (v) a plurality of user passwords for specifying a plurality of users, respectively, that are able to use the data storage medium;

storing in the portable terminal a hardware identification code for specifying the portable terminal and a plurality of software identification codes each for identifying available software applications; and

reading the hardware identification code stored on the data storage medium and then determining whether the read hardware identification code matches the hardware identification code stored in the portable terminal, in response to a power supply being turned on when the portable data storage medium has been connected to the portable terminal;

determining whether a password inputted by a user who operates the portable terminal matches any one of the plurality of passwords for specifying the plurality of users, respectively, stored in the data storage medium, in response to a determination that the read identification code matches;

allowing the user to select any desired one of the plurality of software applications stored on the data storage medium, in response to a determination that the inputted password matches;

reading from the data storage medium a software identification code corresponding to the selected software application, and determining whether the software identification code matching the read software identification code is stored in the portable terminal, in response to the user selecting the desired application software; and

starting up the selected software application stored on the data storage medium, and storing on the data storage medium a data file created by operation

of that application software as a data file corresponding to that application software, in response to a determination that the matching software identification code is stored, together with the other limitations of the independent claims.

The dependent claims being further limiting and definite are also allowable. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Belix M. Ortiz whose telephone number is (571)-272-4081. The examiner can normally be reached on Monday-Friday 9am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached (571)- 272-4083. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197

bmo

November 19, 2004.



**CHARLES RONES
PRIMARY EXAMINER**